

b) Amendments to the Claims

Kindly amend claims 1, 2, 5, 6, 8 and 9 as follows . A listing of the status of all the claims that are or were in the application is provided.

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1. (Currently amended): A manufacturing method of a domain wall displacement type magneto-optical recording medium comprising the steps of:

depositing a magnetic layer on a substrate ~~to prepare a disc~~; and  
irradiating the magnetic layer with a converged light beam while  
applying a magnetic field and annealing the magnetic layer ~~a converged light beam~~  
between information tracks.

2. (Currently amended): The manufacturing method according to claim 1, wherein said magnetic field is parallel to the direction of a scanning with said light beam ~~in the surface of said disc~~.

3. (Original): The manufacturing method according to claim 2, wherein said magnetic fields have the same magnitude and different polarity between those applied to their respective information tracks adjacent to each other.

4. (Original): The manufacturing method according to claim 2, wherein said magnetic fields have the same magnitude and same polarity between their respective information tracks adjacent to each other.

5. (Currently amended): The manufacturing method according to claim 1, wherein said medium is formed as a disc and said magnetic fields are perpendicular to the disc surface and have the same magnitude and different polarity between those applied to their respective information tracks adjacent to each other.

A 6. (Currently amended): The manufacturing method according to claim 1, wherein said medium is formed as a disc and said magnetic fields are perpendicular to the direction of a scanning with said light beam in the surface of the disc, and have the same magnitude and same polarity between those applied to their respective information tracks adjacent to each other.

7. (Original): The manufacturing method according to claim 1, wherein an intensity of said magnetic field is not less than 50 Oe.

8. (Currently Amended): The manufacturing method according to claim 1, wherein said magnetic fields have ~~its~~ their polarity switched every one cycle of the recording medium of the disc.

9. (Currently Amended): The manufacturing method according to claim 1, wherein said magnetic fields have their ~~its~~ polarity switched several times in one cycle of the recording medium of the disc.

10. (Original): The manufacturing method according to claim 9, wherein the area where the polarity is switched is an area other than a user data area.

11. (Withdrawn): A domain wall displacement type magneto-optical disc comprising:

a domain wall displacement layer in which a domain wall displaces;

a memory layer that holds a recording magnetic domain according to information;

a switching layer that is provided between the domain wall displacement layer and the memory layer and has a Curie temperature lower than that of those layers; and

A a disconnecting area that is provided in the domain wall displacement layer and disconnects a switching connection between information tracks;

wherein the polarity of a residual magnetization at a boundary between the information track and the disconnection area is oriented in a certain direction.

12. (Withdrawn): The domain wall displacement type magneto-optical disc according to claim 11, wherein the direction of said residual magnetization is switched in polarity at a predetermined cycle.

13. (Withdrawn): The domain wall displacement type magneto-optical disc according to claim 12, wherein said switching occurs one cycle of the disc as an unit.